

# BINGHAM

LEGAL INSIGHT. BUSINESS INSTINCT.

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## VIA ELECTRONIC FILING

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, DC 20554

Re: ET Docket No. 04-186;  
Unlicensed Operation in the TV Broadcast Bands

Dear Ms. Dortch:

Pursuant to Section 1.1206 of the Commission's Rules, 47 C.F.R. § 1.1206, Shure supplements the record in the above-referenced proceeding with the attached study regarding the human body's ability to absorb wireless microphone emissions. The attached study demonstrates that the typical handheld or body-pack wireless microphone's signal strength is dramatically reduced by the body's attenuation of the microphone transmitter's RF signal.

If you have any questions regarding this filing, please do not hesitate to contact the undersigned.

Very truly yours,

/s/

Catherine Wang

cc: Ahren Hartman  
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